

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Workshop Report on "AWS - Cloud Computing"

(In association with "APSSDC")

Date (s): **25th - 30th October, 2021 & 08th – 13th November, 2021**

1	Name of the Activity/Event	A One Week Workshop on AWS - Cloud Computing.
2	Date (s) of Activity/Event	25th –30th October, 2021 & 08th – 13th November, 2021
3	Organized by/Name of the committee	CSE
4	Place of Activity/event	Sri Ramunjan Seminar Hall & Computer Laboratory -1
5	Resource person/guest/organization	Mr. N. Gopi Krishna & Mr. CH. Gopi Raju, Trainers of APSSDC
6	Type of activity/Event	Advanced Learners Program
7	Activity/Event objectives	EC2 Services, Launching an instance AMI's like Linux, Ubuntu, Windows, Dynamic Website Hosting
8	Participation - III B.Tech, CSE	Total Participation of students 121
9	General remarks	Resource persons demonstrated about AWS service for Cloud Computing in real time applications.
10	Suggested Improvements	To require more Practical sessions.
11	Enclosures	1.Report 2. Attendance sheet
12	Signature of In charge/convener	

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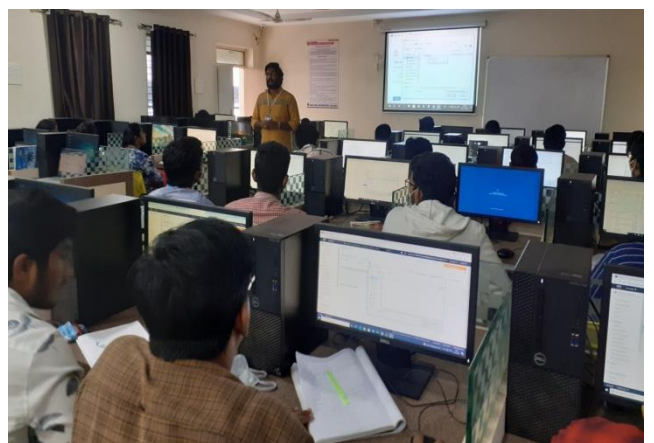
Department of computer science and engineering organized a one week workshop on **“AWS - Cloud Computing”** in Association with APSSDC, during **25th - 30th October, 2021 & 08th – 13th November, 2021** at Computer Laboratory -1, in order to Educate students about Amazon Web Services (AWS) - Cloud Computing.

A total of **121 students** were participated in this Workshop. On the inaugural function, **Dr. C. Rajendra, HOD, CSE**, suggested and deliver the introduction about the AWS Cloud and our **Principal Dr. G. Sreenivasulu Reddy**, presided over the function and explained the usage of cloud server, **Mr. N. Gopi Krishna, Mr. CH. Gopi Raju**, trainer`s of the Workshop emphasized about the role and objectives of the Workshop.

Day-1:- Mr. Gopi Raju CH has given an overview about the workshop and registration process in AWS, described about the services AWS provides and how we are using them in the latest technologies and how they helps in real world applications. Mainly Focusing on EC2 services.



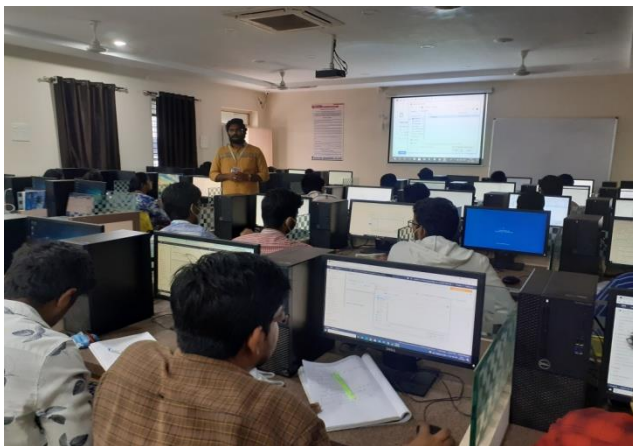
Day-2:- Mr. N. Gopi Krishna, Mr. Gopi Raju CH, Explained about EC2 Services, Launching an instance, conversion of key pairs from .pem to .ppk using putty and putty gen software. Later on made students partice launching of instances using different AMI`s like Linux, Ubuntu, Windows. Discussed about security groups (VPC) and creating one.



Day-3:- Mr. N. Gopi Krishna, Mr. Gopi Raju CH has demonstrated the procedure of launching an instances on various services of previous day were checked and the HTML commands of the instance were changed using putty. Latter launching of windows server using RDP was explained and practiced, also the service S3 and its necessity was discussed.



Day-4:- Mr. N. Gopi Krishna, Mr. Gopi Raju CH has delivered a session on how to implement S3 and they Explained how to store different forms of data such as image, file in a bucket later Sir explained us how to attach volumes to our instances.



Day-5:- Mr. N. Gopi Krishna, Mr. Gopi Raju CH has demonstrated on how to create Relational DataBase Service (RDS) and Cloud Watch (EC2) service in network applications.



Day-6:- Mr. N. Gopi Krishna, Mr. Gopi Raju CH has demonstrated about a Dynamic Website Hosting using winscp tool and later they have shown to the students on how to create database and how to connect it to our server.



Group Photo of AWS - Cloud Computing

HOD-CSE